

Organische Leuchtbiode, Herstellungsverfahren dazu und Anwendungen**Patent number:** DE10140991**Publication date:** 2003-03-13**Inventor:** BRABEC CHRISTOPH JOSEF (DE); SCHEWE
HERBERT (DE); WITTMANN GEORG (DE)**Applicant:** OSRAM OPTO SEMICONDUCTORS GMBH (DE)**Classification:****- international:** H01L51/20; H01L51/40; H01L51/10; H01L51/00**- european:** H01L25/04E; H01L27/32**Application number:** DE20011040991 20010821**Priority number(s):** DE20011040991 20010821**Also published as:**

WO03019658 (A3)



WO03019658 (A2)

Abstract of DE10140991

The invention relates to an organic light emitting diode (OLED) comprising at least one substrate, one anode, one perforated transport layer, one emitting layer, one cathode and one capsule. According to the invention, an energy carrier is integrated into the LED to supply the voltage causing the LED to light. The energy carrier can be a battery (energy accumulator) or an energy converter (photovoltaic element).

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